

MS1-776US

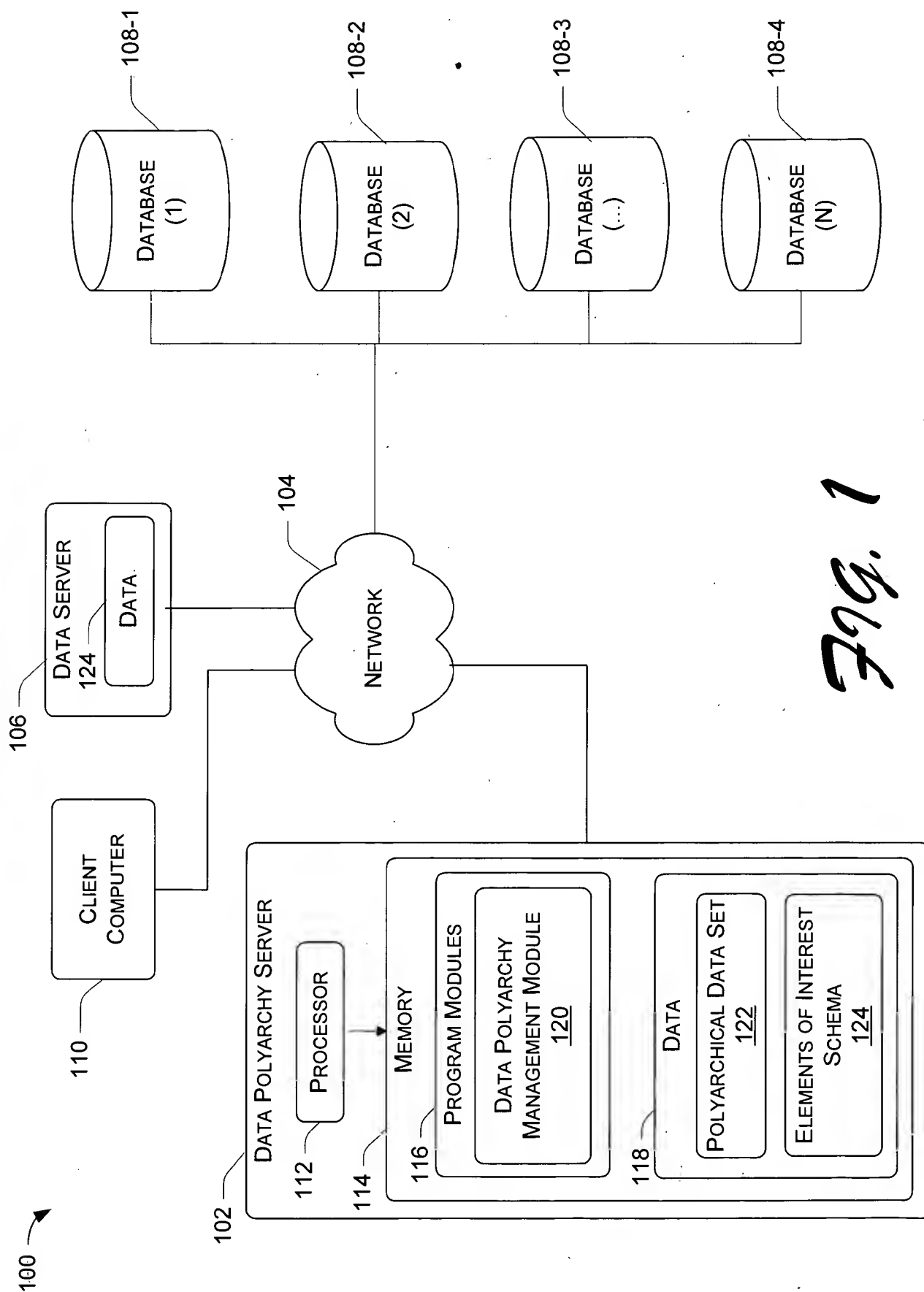


Fig. 1

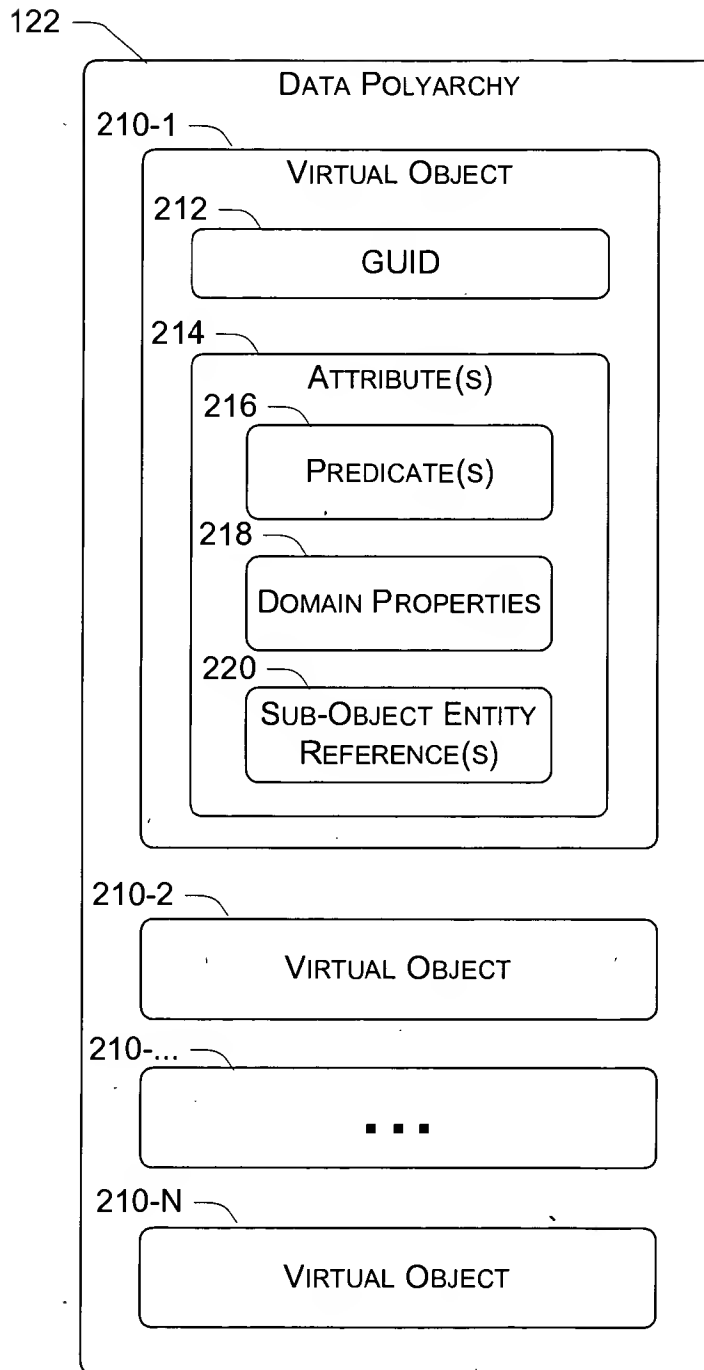


Fig. 2

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124

ELEMENTS OF INTEREST SCHEMA

310-1

DISTINGUISHING ELEMENTS

312-2

LOCATING ELEMENTS

312-2

CLASSIFYING ELEMENTS

Fig. 3

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400

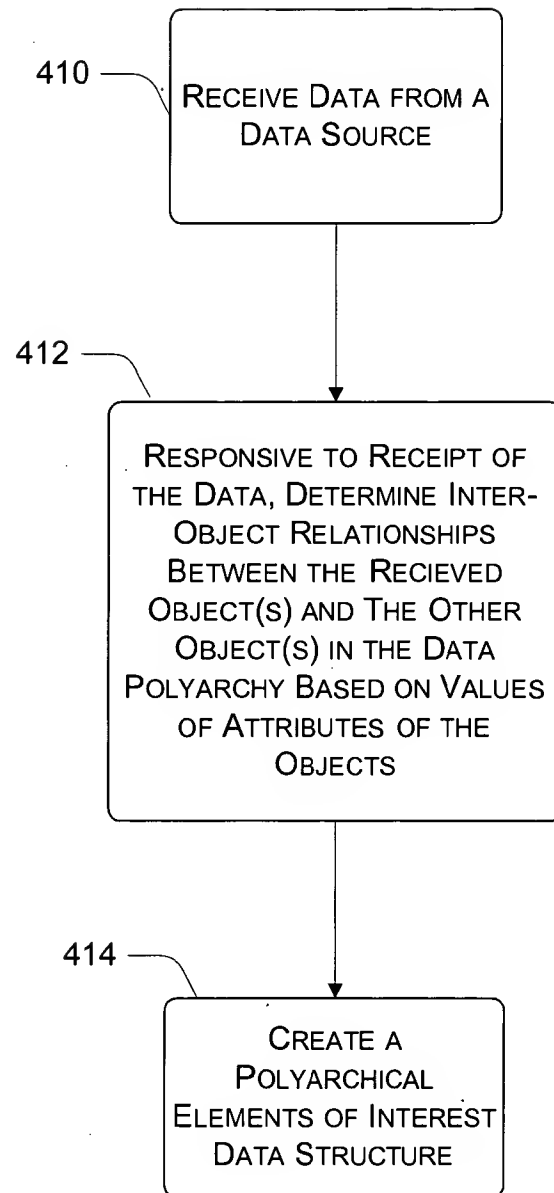


Fig. 4

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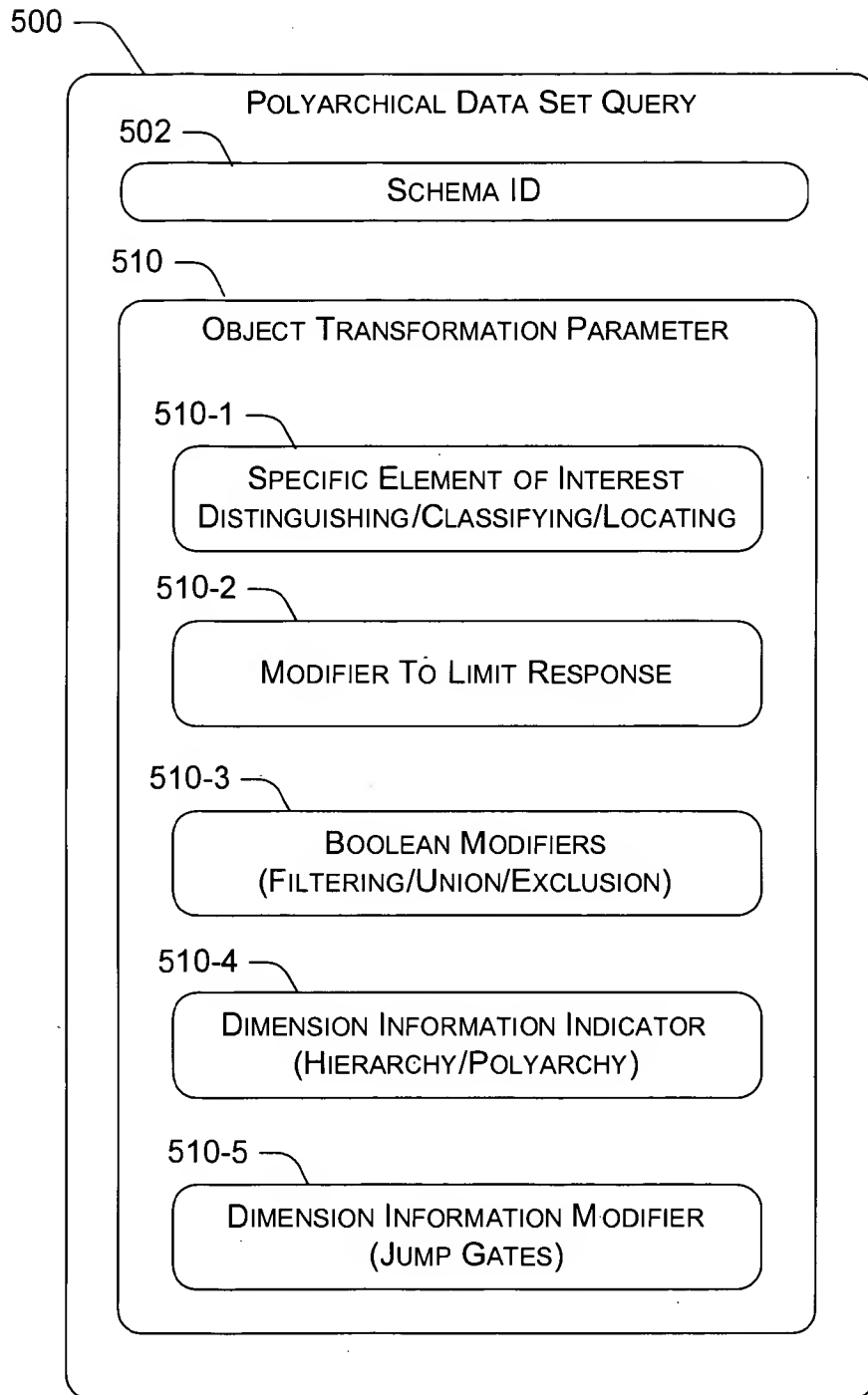


Fig. 5

600 →

614

610

510-1

<EQUAL ELEMENT='SN' VALUE = 'DOE'>

<?XML VERSION="1.0">
<-ENVELOPE>
<-BODY>
<-M:QUERY XMLNS:M="URN:UIDB34543434->
<-EQUAL ELEMENT='SN' VALUE = 'DOE'>
<-/M:QUERY>
<-/BODY>
<-/ENVELOPE>

618

620

<? XML VERSION = "1.0"?>
<ENVELOPE>
<BODY>
<QUERY RESULT>
<PERSON LOCAL ID = "414443">
<GLUE ID>34563463-DFG-645634-SDFDF </GLUE ID>
<CN> JOHN DOE </CN>
<ROOM NUMBER>3346</ROOM NUMBER>
<UID>JDOE</UID>
<SN>DOE</SN>
<GIVEN NAME> JOHN</GIVEN NAME>
<BUILDING NAME> RED BUILDING</BUILDING NAME>
<TITLE> SOFTWARE SUPPORT ANALYST</TITLE>
<LOCATIONUPNODE>L 234 RED BUILDING</LOCATIONUPNODE>
<UNIQUE IDENTIFIER>455675478</UNIQUE IDENTIFIER>
<MANAGER>5657457</MANAGER>
<COST CENTER UP NODE>CCR 456</COST CENTER UP NODE>
</PERSON>

<PERSON LOCAL ID = "41KJH3">
<GLUE ID>898798-GFGHFJG87-HGJH</GLUE ID>
<CN> JIM DOE </CN>
<TELEPHONE NUMBER>888-888-9999</TELEPHONE

Fig. 6

612

614

510-2

618

```
<<? XML VERSION = "1.0"?>
<ENVELOPE>
<BODY>
<QUERY>
<PERSON LOCAL ID = "414443">
<CN> JOHN DOE </CN>
<UNIQUE IDENTIFIER>455675478</UNIQUE
IDENTIFIER>
</PERSON>
<PERSON LOCAL ID = "41KJH3">
<CN> JIM DOE </CN>
<UNIQUE IDENTIFIER>777</UNIQUE IDENTIFIER>
</PERSON>
<PERSON LOCAL ID = "444">
<CN> ALLAN DOE </CN>
<UNIQUE IDENTIFIER>5555</UNIQUE IDENTIFIER>
</PERSON>
<PERSON LOCAL ID = "66666">
<CN> KARL DOE </CN>
<UNIQUE IDENTIFIER>9999887</UNIQUE IDENTIFIER>
</PERSON>
<PERSON LOCAL ID = "333222">
<CN> BOB DOE </CN>
<UNIQUE IDENTIFIER>666555443</UNIQUE
IDENTIFIER>
</PERSON>
```

620

2.56E

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620

614

610

510-1

600

<AND>

<EQUAL ELEMENT='SN' VALUE = 'SMITH'/>

<EQUAL ELEMENT='TITLE' VALUE = 'VICE

PRESIDENT'/>

</AND>

510-1

(SOAP ENVELOPE--NOT SHOWN)

618

<<? XML VERSION = "1.0"?>

<ENVELOPE>

<BODY>

<QUERY>

<PERSON LOCAL ID = "876987">

<GLUE ID>KJH89-999876555-JJHG-8432 </GLUE
ID>

<CN> JOHN SMITH </CN>

<TELEPHONE NUMBER> 1(888)888-8888

<ROOM NUMBER> 1 </ROOM NUMBER>

<UID>JSMITH</UID>

<SN>SMITH</SN>

<GIVEN NAME> JOHN</GIVEN NAME>

<BUILDING NAME> BIG BUILDING</BUILDING NAME>

<TITLE>VICE PRESIDENT</TITLE>

<LOCATIONUPNODE> L 234 BIG BUILDING

</LOCATIONUPNODE>

<UNIQUE IDENTIFIER> 123456789</UNIQUE

IDENTIFIER>

<MANAGER> 987658</MANAGER>

<COST CENTER UP NODE> CCR 987</COST CENTER

UP NODE>

</PERSON>

</QUERY>

</BODY>

</ENVELOPE>

Fig. 8



600

510-2

612

510-1

614

618

01.56E

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620

600

510-3

610

614

<<? XML VERSION = "1.0"?>
<ENVELOPE>
<BODY>
<QUERY>
<PERSON LOCAL ID = "414443">
<CN> JOHN DOE </CN>
</PERSON>
<PERSON LOCAL ID = "875437">
<CN> MARK JEFFADA </CN>
</PERSON>
<PERSON LOCAL ID = "874981">
<CN> PAUL LEPINSKA </CN>
</PERSON>
</QUERY>
</BODY>
</ENVELOPE>

<AND>
<UNDER DIMENSION='MANAGEMENT'
ELEMENT='UNIQUE IDENTIFIER' VALUE = '123456789'>
<UNDER DIMENSION='OFFICE LOCATION'
ELEMENT='LOCATION' VALUE = 'L 234 RED BUILDING'>
<EQUAL ELEMENT='TITLE' VALUE = ARCHITECT'>
</AND>
<ELEMENTS OF INTEREST>
<ELEMENT> CN </ELEMENT>
</ELEMENTS OF INTEREST>

510-1

(SOAP ENVELOPE--NOT SHOWN)

618

612

Fig. 11

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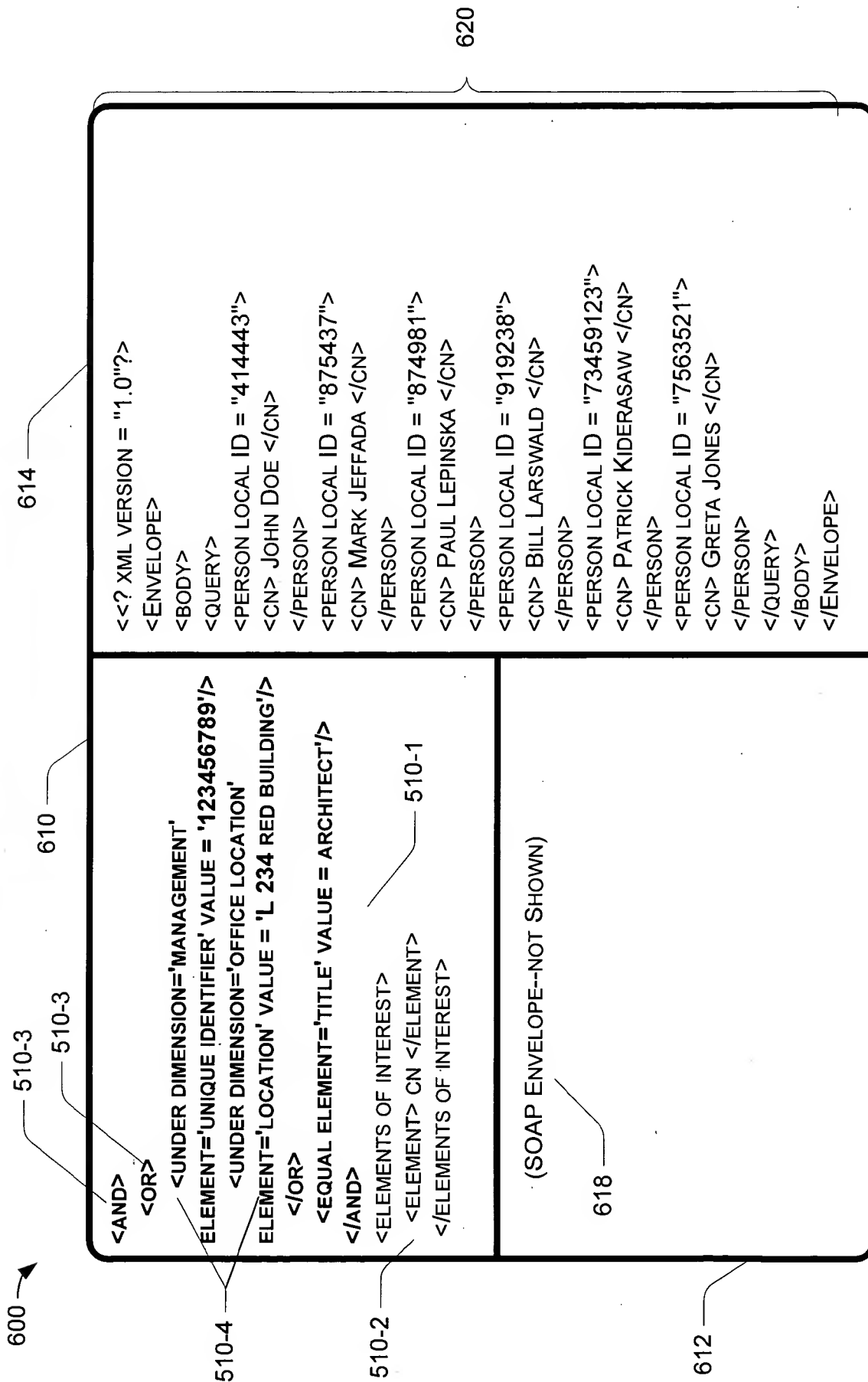
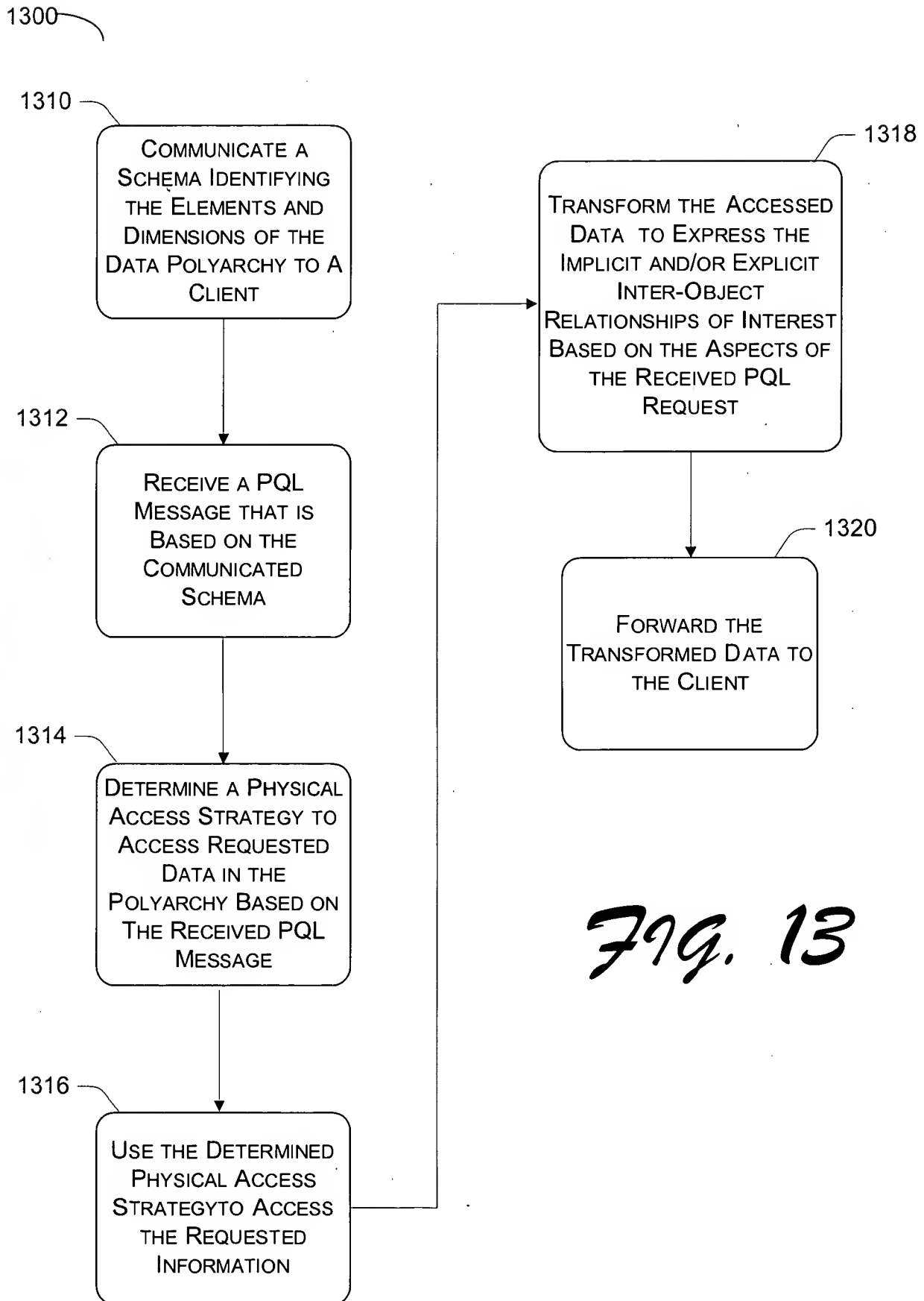


Fig. 12

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*Fig. 13*

